Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

DXpedition News

Oblast Ø46 UH9BWD should be /UH8Y about now. Check 14Ø4Ø kHz at Ø3ØØZ.

South Orkney - LU/Z Dalmacio LU1ZA is with the Argentine Navy on Laurie Island (AN-Ø8). He speaks no English, and says he is not a good CW op, especially through QRM and pileups. He's active on 4Ø-15M. Try long, slow calls, below as well as above his transmitting frequency. QSL LU2CN.

Antarctica Several stations are active during the summer season: LU5EVA/Z listens 5 kHz up. VP8AEF on 2ØM SSB is on the continent, as is CE9AL, also on 2Ø. KC4USV is on now, as are several 4K1 stations. At least one FT8Y is due on soon.

Maldives - 8Q HB9DCO will be /8Q Nov. 23-Dec. 13, 16Ø-15M, on both CW and SSB, listening 5 kHz up.

Lesotho - 7P8 Vince Thom[illegible] K5VT moves on to 7P8 after his highly s[illegible]ssful 5R8VT stay. (TN8 is another possibility.) Watch 7ØØ4 kHz and 15-25 kHz up on the higher bands. QSL K5VT.

Heard Is. - VKØ VKØHI made his first USA QSO on Nov. 9, at Ø355Z on 14285 kHz. His signal into the states faded until he went on duty at Ø5ØØZ.

Canary Is. - EA8 The Northern Finland Contest Club will operate OH8PF/EA8 Nov. 22-Dec. 6, including CQWW CW. They'll be on all bands, with SSB outside the Test. QSL to NFCG, Box 5Ø, SF-9Ø251 Oulu, Finland.

Taiwan - BV Gin JA1ACB reports that the BVØRY DXpedition Nov. 27-3Ø is the first authorized RTTY operation from Taiwan. Operator and QSL manager JG1RVN will listen up 5-1Ø kHz from his spot 9Ø kHz up.

More CQWW CW Rumors

- YN3A is YN3ACZ, who expects to be on 1ØM single band. QSL to John Parnell, Apartado 3Ø2, Managua, Nicaragua.
- Ken KH2F will try for VQ9 for CQWW CW, or the week after. He was very workable from Midway. QSL N2AU.
- UP7A will be a multi-op entry, including UP1BZZ.
- DL2ZAD/KC6 is due on through Nov. 26, but no reports yet. QSL home call.
- Desecheo - KP5 KP4HL and NG7X (ex-7J1ACH) hope to get on from this one Nov. 26.
- LX9BV is a multi-op entry by the Bavarian DX Group.
- TA2BK will be where DJØUJ operates, if he can get permission.
- VS6DO may be operated by JA5DQH in the Test.
- XE2GCK will be AA6EE. Don't confuse Duane with the Colvins, who will sign XE2GKG.

Shortly Noted

- Tow Warren K3TW got on from A4XXV on Nov. 8.
- DJ6QT will continue his S79WS operation into next week. He's on all bands, plus RTTY. QSL home call.
- FH8CB has been on 14183 kHz at 22-2330Z. Also check 1Ø meters.
- Domonician J73 hams can sign J78 during November. Lambert J73LC is often on 2139Ø or 14313 kHz.
- T5GG has forwarded a copy of his documentation to ARRL Hq. QSL to I2MQP. Note that some of I2MQP's mail has been lost; someone must have noticed the Green Stamps.
- YIØBIF was the special event station at Baghdad's International Fair. QSL to Box 7147, Baghdad, Iraq.

Low Band News

- 4Z4DX is often on 4Ø CW at his sunrise (Ø43ØZ), with a fine signal.
- KH6CC is back at it, on 1832 kHz from Ø4ØØZ.
- Both PAØGAM/ST2 and 9Q5NW promise 16Ø meter activity this season, the former from Zone 34. VP8BNO also hopes to get on 16Ø soon. QSL to G3LZQ.
- 9L1GG has been worked on 35Ø4 and 7ØØ4 kHz.
- VS6DO, one of the low-band powerhouses, is on 16Ø around 15ØØZ.
- The 16Ø meter band has been picking up. Worked All Continents in a week is very possible. Nov. 6 and 12 were excellent nights. Look for good things in ARRL 16Ø meter test Dec. 4-6.

PROPAGATION

Forecast and Historical Data

Day	Forecast	27 Days Before				55 Days Before			
November		Date	Flux	A	K	Date	Flux	A	K
2Ø	Below Nor	1Ø/24	88	14/29	3	9/26	78	2Ø/4Ø	3
21	Disturbed	1Ø/25	93	1Ø/43	3	9/27	8Ø	1Ø/15	1
22	High Nor	1Ø/26	98	1Ø/18	2	9/28	82	18/31	3
23	Low Normal	1Ø/27	1Ø7	2Ø/46	4	9/29	83	25/--	4
24	High/Low	1Ø/28	1Ø8	28/58	4	9/3Ø	84	28/52	3
25	High Nor	1Ø/29	1Ø4	19/23	3	1Ø/1	84	11/11	2
26	Disturbed	1Ø/3Ø	1Ø6	15/19	1	1Ø/2	85	Ø7/1Ø	1
27	Low Normal	1Ø/31	99	Ø8/15	1	1Ø/3	86	27/7Ø	5
28	High Nor	11/1	1Ø1	12/13	1	1Ø/4	89	14/28	3
29	High Nor	11/2	1Ø7	14/28	4	1Ø/5	9Ø	Ø6/Ø8	1

Thanks N4XX and KH6BZF

Propagation Watch

[Above forecasts based on 55-day previous data.] The end of November actually looks better than suggested by the above forecasts, when data from the last solar revolution 27.5 days ago is considered. The propagation during the end of October and first few days in November was excellent, and we look forward to repeat band conditions this month.

The flux should peak around 1ØØ during the next week, which will be enough to open 1Ø meters even on high latitude paths. The continuing solar radiation has kept the ionosphere perking, and even gradual declines in solar flux do not adversely affect propagation.

However, the sun is full of surprises at this point in the sunspot cycle, and the geomagnetic activity can change rapidly. The K-index, updated every three hours, is a good indicator of polar path propagation. Ks of 2 or less, with sunspot numbers of 9Ø or more, suggest good east-west propagation on 1Ø meters. So check WWV at 18 minutes after the hour, and try the higher bands when the K is low.

Looking farther into December, we see a slight dip in solar flux in the first two weeks of the month, picking up thereafter. Absorption will be lowest the first week of December, which bodes well for ARRL 16Ø meter test. And increasing solar flux should make the ARRL 1Ø meter test interesting as well.

DXpedition to Baker/Howland

Jim Smith VK9NS is planning a March, 1988, DXpedition to this increasingly rare spot (OC-??). A total of 1Ø people can go, including Jim and Kirsti VK9NL, two Fish and Wildlife chaperons, two scientists, and 4 additional operators. Jim says, "The islands are uninhabited except for birds and have little shade or cover. Conditions are expected to be fairly unpleasant but exciting with plenty of action." Potential DXpeditioners who have the time and money to make the trip can contact Jim.

What to do with your Old Callbooks

Now that your 1988 Callbooks are due in your shack, what do you do with your earlier editions? Bruce Butler W6OSP has a list of overseas amateurs who would greatly appreciate a Callbook of any recent vintage. These hams have no way to purchase their own copy. Contact Bruce at 3783 Young Ave., Napa, CA 94558 for names and addresses of deserving amateurs, and details on a very inexpensive mailing procedure.

DXCC Assistant Opening

Once again, the ARRL DXCC Desk is looking for an Assistant Manager to help process DXCC applications. A General or higher class license is required, and an interest in DX is helpful. Contact Don Search W3AZD at ARRL Hq. for more details. Pay is $12-13,ØØØ.

Northern California DX Foundation

The NCDXF has announced that they will donate $1ØØØ toward each of two upcoming DXpeditions by seasoned DXpedition veterans. The first is the present T5 Somali DXpedition by Baldur DJ6SI and Hans DK9KX, who recently tried unsuccessfully to operate from Western Sahara. The NCDXF will also support Ron Wright ZL1AMO's trip to Auckland and Campbell Islands ZL9, scheduled for February, 1988. Accompanying Ron will be Roly ZL1BQD and Baz ZL1BN.

The NCDXF also donated a Kenwood TS-44ØS to the Egyptian Radio Club. Jim N6TJ used the rig during his recent operation as SU1ER in CQWW SSB.

In other NCDXF news, the ZS6DN 14.1 MHz beacon is temporarily off the air, after being hit by lightning. The NCDXF will provide technical advice for anyone who wishes to add another beacon to the network.

More information on the NCDXF and its activities is available from Rusty Epps W6OAT, 651 Handley Trail, Redwood City, CA 94Ø62.

DXCC Golden Jubilee Times 2

A few more entrants in the 2ØØ+ country club for 1987: Mike KC7V worked #2ØØ on Oct. 31, despite being out of the country a good part of the year. W3HCW also wrapped up his 2ØØth country at the end of October, helped by some CQWW contest DXpeditions. He worked his first 1ØØ in a month, and reports that all 2ØØ countries were worked barefoot on SSB. And NQ7M caught 5R8VT for his 2ØØth, on Nov. 8. All but three of his 2ØØ were on CW, and none on lists. He worked his first 135 countries this year without a beam. Congratulations to these active DXers! Any more DXCC Golden Jubilee Times 2?

CQWW CW 1987 Nov. 28-29

Callsign	Country	Operator	Class	QSL Route	Info
4U1ITU	GENEVA	W1RR	S/A	W1RR	I411
5B4TI	CYPRUS	N6ZZ	S/A	CBA	I41Ø
5H3BH	TANZANIA	SMØAJU	2Ø M		I411
8P9HT	BARBADOS	K4BAI	S/A	K4BAI	I4Ø3
9M6ZR	E MALAYS	WA2HZR	S/A	WA2HZR	I411
9Y4Z	TRINIDAD	NQ4I	S/A		DXPRSS
D44BC	CAPE VER	N6TJ	S/A	D44BC	INSIDE
DU?	PHILPINE	K4YT	S/A		QRZ DX
EA8/OH8PF	CANARIES	NFCG	M/S	I413	I413
HC5?	ECUADOR	KQ2M	S/A	KQ2M	
HSØA	THAILAND	MANY	M/S	CBA	I4Ø8
J6DX	ST LUCIA	SWODXA	M/M	W8UMD	I4Ø8
KC6CS	BELAU	JE1JKL	S/A	JE1JKL	I41Ø
KP2A	VIRGINS	MANY	M/M	N6CW	I4Ø3
N3JT/HKØ	SAN ANDR	N3JT	S/A	N3JT	I4Ø8
P4ØGD	ARUBA	W2GD	S/A		I4Ø6
PJ2X	N.ANTILS	K1XM+	M/S	KQ1F	I4Ø3
PJ7X	ST MARTN	KF1V	S/A		QRZ DX
T52SI	SOMALI	DJ6SI	S/A	DJ6SI	I411
V31A	BELIZE	KCDXC	M/S		INSIDE
V31EA	BELIZE	K6BWX	S/A	K6BWX	I41Ø
VP2MU	MONTSRAT	K8GL	S/A	K8UE	I413
VP5W	TURKS	WW6F+	M/S	WW6F	I4Ø5
XEØKNE	MEXICO	W5KNE	S/A	W5KNE	INSIDE
XE2GKG	MEXICO	COLVIN	M/S	YASME	I4Ø9
YB3ATB	INDONESA	PAØLOU	S/A		I411
YJØAA	VANUATU	K5BDX	S/A	K5BDX	I4Ø9
ZYØFWW	FERNANDO	PY7ZZ+	M/S	PY7ZZ	I411

Russia-Canada Cooperation

The USSR and Canada has signed an amateur third party agreement and reciprocal operating agreement, effective Nov. 1, 1987 through February, 1988. The purpose of these agreements is to aid communications with the joint USSR-Canada ski expedition which will cross the North Pole from Russia to Canada this coming winter.

BANDPASS

Reports Wanted,
Especially RTTY, 30 meters

-----RTTY-----				
A22BW	2808Ø	1646	8	MN
CO2BB	21086	14ØØ		7OH
-----16Ø Meters-----				
4X4NJ	1832	Ø4Ø4	3	MD
5NØ/ JG1FVZ	1824	2114Ø	5	MA
HB9AMO	1831	ØØ54	3	MD
KG6DX	1832	1314Ø	7	ID
KH6CC	1832	Ø428	14	FL
ON4UN	1833	Ø512	7	MA
PY1RO	1831	ØØ35	5	CT
UG6GAW	1833	2149	7	MA
UQ2PQ	1833	Ø538	6	MD
UR2RGN	1836	Ø514Ø	7	CT
YO3CD	1833	2215	4	MA
YU7AN	1832	Ø429	14	FL
-----8Ø Meters-----				
3B8CF	3507	1438	13	CA
5NØ/ JG1FVZ	3514Ø	2154Ø	4	MA
9L1GG	3503	Ø554Ø	7	MA
JD1/ JR2CAD	3507	1116	7	OR Ogasawara
JD1/ JR1CAD	3508	113Ø	7	MA
ST2/ PAØGAM	3501	2212	4	MA
UA9MEA	3501	2153	1	MA
UC2LB	3502	Ø132	4	CT
UH2FGA	3503	2232	11	FL
UP1BWW	3507	Ø5Ø5	5	MO
UP1BZZ	3508	Ø34Ø	9	MA
UP2BIP	3503	Ø34Ø	12	VA
VP8BNO	3514	Ø232	9	MA
VS6CC	3506	1413	4	CA
VS6DO	3503	14Ø5	13	CA
-----75 Meters-----				
BY4WNG	3777	1442	9	CA
EA9IE	3799	Ø625	14	CA
FR4DN	3789	1429	5	CA
S79WS	3790	1430	12	CA
S79WS	3800	2317	7	MA
T32BB	3796	1520	10	CA
VR2DVP	3696	1440	12	CA
VS6DO	3795	1450	13	CA
ZK1XE	3788	1354	5	CA
-----4Ø Meters-----				
3B1DA	7006	Ø132	6	MA
3B1DB	7001	1411	4	MT
3B1DB	7010	Ø2Ø2	5	GA
3B8DB	7002	Ø15Ø	12	FL
4S7RO	7004	1220	11	VA
4U1UN	7003	Ø432	14	FL
5Z4SS	7003	1507	9	OR
9J2WS	7010	Ø417	11	FL
9L1GG	7005	Ø8Ø1	7	OH
9Q5DA	7011	Ø517	8	MO
A4XXV	7006	2100	7	MA
BV2B	7004	1420	4	CA
BY4WNG	7000	1540	9	OR
CEØZIG	7009	Ø4Ø5	11	MO
FK8FS	7024	1146	6	CT
FV7NDX	7006	2317	10	FL
JT/OK1XC	7004	1650	14	CA
KC6SZ	7001	1500	20	CA
KH8/KN8M	7003	Ø715	6	CA
KH8/KN8M	7010	Ø940	7	MA
ØX3CS	7010	2350	4	MA
OY7ML	7001	2355	4	CT
PYØFF	7005	Ø212	6	MO
RQ4PC *	7007	1409	8	ID
S79WS	7002	Ø42Ø	6	CA
S79WS	7005	Ø313	9	MO
S79WS	7004	Ø314	9	CT
ST2/ PAØGAM	7000	2300	4	CT
TA1A	7004	2210	3	MA
TA2A	7013	Ø14Ø	5	GA
TA4A	7007	Ø147	11	MO
TV6BAZ	7005	2255	6	GA
UL7JDL	7010	1448	8	CA
VK9NL	7014	1225	5	GA
VP8BNO	7006	Ø14Ø	9	MA
VS6UD*	7005	2145	5	MA
XE2GKG	7010	Ø315	4	GA
YN3EO	7008	Ø228	12	FL
YN3EO	7001	Ø148	9	CT
YN3EO	7001	Ø332	9	CA
-----2Ø Meter CW-----				
4K1F	14020	2216	6	GA
4K1F	14023	Ø142	9	MO
4S7EA	14018	ØØ37	6	MO
5N9GM	14027	2222	2	CT
9L1GG	14011	ØØ5Ø	8	OR
BY1QH	14027	ØØØ3	14	FL
BY4RB	14024	Ø11Ø	6	MO
BY9GA	14015	ØØ3Ø	6	MA
FT8XD	14004	1536	11	OR
JT/OK1XC	14004	ØØ23	11	MO
LU1ZA	14016	ØØ45	9	VA
LU5EVB/Z	14037	2234	9	FL
OX3LX	14022	1740	7	MN
TV6BAZ	14022	2050	7	MT
TZØRO	14031	2214	14	FL
TZ6RO	14024	2333	6	OH
UH8ED	14024	1225	11	VA
UH8W/ UH9BW	14039	Ø3ØØ	12	OR
UL8NWA	14011	1139	9	FL
VP8BNW	14036	2355	9	FL
VP8BNO	14025	Ø316	7	OR
VU2TEC	14027	Ø1Ø3	11	MO
YI1BGD	14199	16Ø3	5	CA
-----2Ø Meter SSB-----				
1Z9A	14226	1538	10	CA
1Z9A	14226	1627	9	OR
1Z9B	14226	1610	14	CA
3C1MB	14236	ØØ15	6	CA
3C1MB	14160	2342	9	VA
3D6AB	14182	2207	7	CA
5N8NSA	14160	2310	8	OR
5T5HH	14160	2335	10	CA
5U/C53FC	14183	2223	30	NC
5V7SA	14220	Ø6ØØ	12	VA
5V7WD	14170	1028	9	CA
5V7WD *	14170	16ØØ	9	CA
9Q5FF	14197	2316	4	MA
A22FN	14159	2230	30	CA
AP2SQ	14183	Ø235	10	OR
CEØICD	14236	ØØ45	8	OR
CE9AL	14200	Ø120	12	VA
CN8EL	14172	2101	9	VA
FH8CB	14160	2330	10	CA
FH8CB	14160	2228	14	CA
FH8CB	14160	2313	7	VA
FR/G/ FH4EC	14183	1845	4	CA
FR5ES	14200	1519	5	CA
KC4USV	14214	Ø540	8	MO
KC6HA	14309	Ø223	10	CA
S79WS	14205	ØØ28	4	KY
S79WS	14185	1724	5	CA
SU1ER	14285	1518	12	OR
T26VV	14194	2231	30	NC
T32BB	14187	Ø210	5	CA
TF3CW	14185	2102	7	MT
TL8DN	14160	2100	23	CA
TL8HB	14214	2120	7	MT
TR8JLD	14182	2005	7	OR
TU2AX	14160	2302	8	OR
TU2QQ	14200	2359	10	CA
TZ6VV	14172	2208	7	MT
UQ1GZW	14217	1523	5	CA
VP8BPC	14219	Ø105	12	VA
VU2XX	14211	1359	30	GA
XF1C	14186	1830	5	CA Cedros Is. NA-17
YIØBIF	14187	1009	14	CA
YIØBIF	14199	1600	5	CA
YI1BGD	14203	1645	3	MA
YN3ACZ	14233	1941	8	KY
ZL7AA	14220	Ø140	10	MI
-----15 Meter CW-----				
5H3RB	21261	1854	5	KY
5R8VT	21023	1652	7	CA
5R8VT	21010	1707	8	VA
9L1GG	21027	2231	2	CT
9Q5DA	21012	1925	7	CA
9Q5NW	21156	1946	8	CA
A22RB	21027	2015	8	CA
GI3YMT	21096	1635	8	OH
ST2/ PAØGAM	21026	1819	6	IN 21024 1820 6 CA
TR8JLD	21007	1829	12	CA
TU4CO	21010	2008	14	CA
TV6BAZ	21005	1650	9	GA
UF6FN	21019	1214	13	FL
VP2MDY	21027	2248	9	FL
XE2GKG	21019	2313	14	FL
ZB2EO	21008	1635	8	VA
-----15 Meter SSB-----				
5H3BH	21305	1815	7	DE
5H3BH	21280	1740	8	OH
5H3MI	21240	1818	10	GA
5H3RB	21295	1937	9	GA
5L2BY	21220	2125	10	GA
5N9GM	21205	1950	5	GA
5T5NU	21309	2005	3	GA
5Z4JB	21203	1921	10	CA
5Z4SS	21255	2000	5	GA
6W6AB	21217	1415	11	VA
9Q5DA	21273	1800	6	CA
9Q5NW	21250	2056	1	MI
A22BW	21290	2030	11	VA
A22RB	21303	1905	11	GA
A22RB	21210	1946	7	MT
CN2AQ	21230	1745	11	VA
D44BC	21238	1837	5	KY
DV7PI	21269	2210	9	GA
FR/G/ FH4EC	21335	1942	8	CA
"	21340	1815	9	GA
H5AQ	21334	1917	30	NC
HH7PV	21200	1858	11	GA
HKØHEU	21235	2040	5	GA
HL2INX	21280	1505	5	GA
HV3SJ	21223	1539	8	MN
HZ1AB	21302	1250	8	CT
HZ1AB	21270	1315	11	VA
JY5CI	21261	1420	8	CT
KH3/ KL7LF	21238	2338	7	MN
KX6BA	21280	2120	8	GA
KX6DC	21256	2325	7	KY
KX6DC	21282	2337	8	GA
S92LB	21281	1915	5	CA
SV5TS	21275	1358	7	GA
T32BB	21245	2133	8	GA
TU1BS	21255	1735	10	GA
TZ6VV	21260	2007	4	GA
VR6KC	21242	1920	15	CA
YN3ACZ	21222	1545	6	CA
Z21FO	21223	2025	11	VA
Z21JE	21266	1848	7	MT
Z27JV	21315	1830	10	GA
ZD8RP	21255	1935	31	VA
-----12 Meters-----				
4Z4OX	24897	1345	7	MA
6W7OG	24942	1321	8	VA
A35PP	24931	2041	3	MA
AH6H	24936	2209	4	CT
CEØFFD	24010	2356	13	FL
HH2SD	24976	2200	2	MA
HV3SJ	24932	1332	8	VA
KG6DX	24960	2158	6	MA
KH2D	24940	2200	7	CT
KX6DC	24949	7052	8	VA
NL7JW	24940	2122	6	MA
ZL2ADX	24942	2240	5	CT
-----10 Meters-----				
3D6BW	28477	1604	11	CA
5B4/ OE5CA	28018	1327	5	GA
5H3BH	28500	1735	1	OH
5H3RB	28553	1638	14	CA
5NØ/ JG1FVZ	28015	1600	9	GA
5R8VT	28016	1740	11	CA
5R8VT	28022	1345	14	FL
9Q5DA	28021	2045	12	CA
9Q5DA	28021	1604	7	OH
A35PP	28090	1815	11	CA
C30LBT	28036	1454	14	FL
CEØFFD	28015	1840	14	CA
CEØZIG	28024	1850	11	CA
CEØZIG	28023	1850	11	VA
CN8AQ	28525	1520	9	GA
CN8AQ	28553	1650	8	VA
D44BC	28535	1805	4	CA
D44BC	28560	1836	7	MT
EA9IE	28502	1700	12	CA
FH8CB	28509	1646	5	CA
FR4DL	28503	1710	7	CT
FR5DX	28536	1545	11	VA
KC6JC	28533	2233	1	TX
KH2F	28505	2254	7	KY
KX6DS	28026	203	14	CA
TA2MT	28034	1410	14	FL
TR8CR	28011	1610	11	VA
VK9NG	28030	2228	14	CA
VP8BNO	28029	1720	7	CT
Z21FN	28017	1327	13	FL
ZC4AB	28500	1420	5	GA
ZD8RP	28525	1953	29	GA
ZS3BL	28544	1745	7	MT

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

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CALENDAR

Issue 413 - Nov. 20, 1987

(Changes and hot info in boldface.)

Amsterdam - FT8Z	FT5ZB Dec-July	I403
	FT8ZA 7073 1400Z	I405
Antarctica - ZL6	ZL6BA (VK7ZSJ) Dec.	I406
Auckland - ZL9	Feb. 88 by ZL1AMO	I402
Barbados - 8P9	CQWW CW 8P9HT S/A	I392
Belau - KC6	KC6CS CQWW CW	I410
Belize - V31	V31EA CQWW CW	I410
Caicos - VP5	VP5W CQWW CW	I411
Canary Is. - EA8	Finns to Dec. 6	I413
China - BY	BY4WNG 40, 75M	I412
Cocos-Keeling	VK9YV, YH Nov 25-Dec	I406
	VK9YE Dec. 8-15	I411
Crozet - FT8W	FT8WA 40M SSB 0300Z	I406
E. Malaysia - 9M6	9M6ZR Nov 25-Dec 8	I411
Falklands - VP8	VP8BNO 14025,t 0200Z	I412
Fernando - PY0F	by PYs Nov. 21-Dec.1	I411
Grenada - J3	Feb-Mar by K4LTA	I406
Heard Is. - VK0	VK0HI Now - May	I405
	14285 at 0355Z	I413
Iraq - YI	YI1BGD 14210, 1500Z	I408
Johnston Is - KH3	WY5L/KH3 1842 1030Z	I406
Juan Fernandez	CE0ICD 14236 2345Z	I412
Kampuchea - XU	XU1SS 14165 1200Z	I412
Lesotho - 7P8	by K5VT now	I413
Macquarie - VK0	VK0GC 1832 0930Z Mon	I410
Maldives - 8Q	HB9DCO to Dec. 13	I413
Marshall Is. - KX	KX6DS 7002 at 0900Z	I408
	1833 kHz at 1000z	I410
Mauritius - 3B	3B8CF 7005 02, 13Z	I407
	1832 kHz at 0130Z	I409
Mayotte - FH	FH8CB 14183 2200Z	I413
Mexico - XE	Colvins to Nov 30.	I409
Montserrat VP2M	VP2MU CQWW CW	I410
New Caledonia FK	TO8K- calls in Dec.	I412
Niger - 5U	TU4BR/5U7 14160 21Z	I407
St. Lucia - J6	J6DX CQWW CW	I408
San Andres - HK0	by N3JT CQWW CW	I408
Seychelles - S79	by DJ6QT to late-Nov	I411
Sierra Leone 9L	9L1GG 14013 at 2200Z	I404
	21025-30 200Z+	I412
Singapore - 9V	9V1WZ 7088 11-12Z	I411
Somali - T5	T52SI Nov. 16-25	I411
South Orkney LU/Z	LU1ZA 7007 01-0400Z	I405
Sudan - ST	PA0GAM/ST2 14024 kHz	I401
	3501,3512, 40M 0200Z	I406
Taiwan - BV	BV0RY RTTY Nov 27-30	I412
Tanzania - 5H	5H3BH 20M CQWW CW	I411
Thailand - HS	HS0A CQWW CW	I408
Trinidad - 9Y	9Y4Z by NQ4I CQWW CW	I402
Tristan - ZD9	by KY0T Nov. 23-30	I410
US Virgin Is.	KP2A CQWW CQ M/M	I411
Vaunatu - YJ	YJ0AA, AYL CQWW CW	I409
Zaire - 9Q	9Q5NW 14180 2000Z, also	
	9Q5YL. Try 21250 kHz	I399
Zimbabwe - Z2	Z24JS 21040 18Z Sun.	I408
4U1ITU	by W1RR Nov.18-Dec.9	I411

DX Activities and Contests

Date	Event or Activity	Info
Nov. 21-22	ARRL SSB SS	QST
Nov. 28-29	CQWW CW The Big One	CQ
Dec. 4-6	ARRL 160 Meter Test	QST
Dec. 12-13	ARRL 10 Meter Test	QST

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: N4XX, KH6BZF, AA6CC, AB8K, K0CVD, K1MEM, K1TG, K4BAI, K4LNA, K6BWX, K7ABV, KA1XN, KA7T, KA8JZR, KD7SO, KJ4VH, KK4LM, KW0A, N4MM, N4QAJ, NCDXCR, NS6C, NW6P, W0YVA, W1FV, W1HZ, W1JR, W1NG, W3FME, W4VQ, W5FIX, W6AUG, W6BJI, W6TFO, W6UQF, W9MCJ, WB3AVN, WB8SFF, WK6E, WA1WTP, I2MQO, AA6EE, OH8LP, JA1ACB, VK9NS, W6OSP, Japan DX News, DX-NL, DXpress, LNDX, Inside DX, QRZ DX, and W6OAT. Many thanks to all!